

houses. He presents to those interested in our public schools some suggestions as to the construction and the heating and ventilation of such buildings. The class of buildings selected are those of small or moderate size, of which many are erected each year. The book is well illustrated by common-sense plans and diagrams.

THE STATICALLY-INDETERMINATE STRESSES IN FRAMES COMMONLY USED FOR BRIDGES. By Isami Hiroi, C.E., Dr. Eng. New York: D. Van Nostrand Company, 1905. 12mo.; pp. 174. Price, \$2.

The present work is the outgrowth of a series of lectures given to the students of civil engineering in the Tokio Imperial University. It contains the solution of those problems most commonly met in the practice of a bridge engineer, the aim of the author being to save the time and labor of those intent on a more rational design of the class of the structures treated, than is generally followed, by furnishing them with the necessary formulas, for which rough approximation or even guesswork frequently forms a substitute. It is a very painstaking work.

ELEMENTS OF DESCRIPTIVE GEOMETRY. By C. E. Ferris. New York: American Book Company, n. d. 8vo.; pp. 127. Price, \$1.25.

Inquiry among the leading draftsmen shows that nearly all their work is done in the third quadrant or angle. It seems reasonable, therefore, to teach the subject of Descriptive Geometry in our technical schools as it will be used by our graduates. Many years of experience teaching this subject proves to the author that the student may learn to think with this problem below the horizontal and behind the vertical and perpendicular planes, just as well as above and in front of those planes. The author has produced an excellent text-book along these lines.

THE INFLUENCE OF MOLECULAR CONSTITUTION UPON THE INTERNAL FRICTION OF GASES. By Frederick Malling Pedersen, E.E., Sc.D. New York: D. Van Nostrand Company, 1906. Pp. 59. Price, 50 cents.

LECTURES ON THE METHOD OF SCIENCE. Edited by T. B. Strong. Oxford: At the Clarendon Press, 1906. 8vo.; pp. 249. Price, \$2.50.

AVOGADRO AND DALTON. THE STANDING IN CHEMISTRY OF THEIR HYPOTHESES. By Andrew N. Meldrum, D.Sc. With a Preface by Francis R. Japp, M.A., LL.D., F.R.S. Edinburgh: James Thin, 1906. 8vo.; pp. 113.

HOUSE HINTS FOR THOSE WHO BUILD, BUY, OR RENT. Philadelphia: House Hints Publishing Company, 1906. 18mo.; pamphlet. Price, 25 cents.

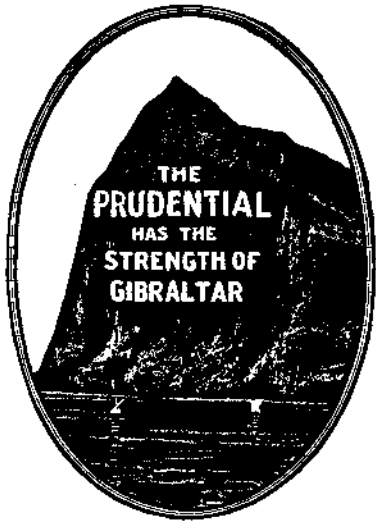
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July 3, 1906.

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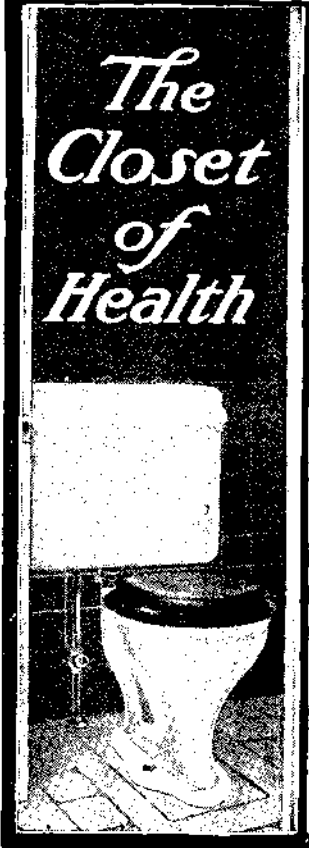
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PACIFIC COAST.—Salesman desires agency for reliable manufacturer of staple line of goods. Vigorous and reliable effort assured to a good line having large possibilities. Satisfactory references furnished. To expedite arrangements, please give all details in first letter. Address G, Room 4, 53 1/2 South Broadway, Los Angeles, California.

PHOTOGRAPHIC MATERIALS.

PLATES, PAPERS, CHEMICALS.—To prove to you the delicate working qualities of Yunit products, we are offering trial orders of \$1.25 value for \$1. Write today for catalog to Dept. S, Yunit Chemical Co., Rochester, N. Y.

SITUATIONS AND PROFESSIONAL OPENINGS.

EXPORT ADVERTISING SOLICITOR WANTED.—An advertising solicitor having had long experience on export business can have a valuable position with a well-known export medium on proving his ability. Address Export, Box 773, New York.

OPENING FOR YOUNG MAN—A Corporation, located in Boston, manufacturing a line of staples of established merit, indispensable to railroads, trolley lines, public institutions, public buildings, etc. (one such corporation alone having consumed 90,000 lbs. since last October), is gravitating towards the establishment of branch factories, not only in America and Canada, but abroad. The company's trademarks are fully registered in the U. S., Canada, England, Germany, and France, and calls for territorial plants are already filed from the Pacific coast and Canada; these plants will have to be under the management of experts, educated and trained in our own laboratories and allied with us to the extent of a sufficient financial interest to make the uncovering of valuable formulae and trade confidences reasonably safe. For this purpose we want a man above 21 and not over 35 years of age, preferably an academic graduate (high school or college), not afraid of physical work during his initial years and one to whom the study and practice of chemistry would be congenial. The applicant must be financially able to acquire an interest large enough to ensure fidelity to the cause, but financial ability without the mental and physical requisites will not entitle him to consideration. For the right man this opening is calling and in the course of development a position of commanding influence entirely free from disturbing competition, and, therefore, a permanent as well as a large income. Address PRESIDENT, P. O. Box 3064, Boston, Mass.

HOTELS AND RESORTS.

JAMESTOWN, OPPOSITE NEWPORT. Thorndyke Hotel and 8 new cottages, furnished. Charming location on shores of Narragansett Bay; 15 minutes to Newport by ferry. P. H. Horgan, Newport, R. I.

PATENTS FOR SALE.

I HAVE FOR SALE the U. S. and all foreign rights of new patent improvements in Water Tube Types of Boilers. Great economizer. J. M. Colman, Everett, Wash.

PATENTS.—European Rights. I want sole agency for Europe for good-selling patents, or might buy rights. James R. Mookie, 73 Inverleith Row, Edinburgh, Scotland.

Table listing various items and their prices, including Ore separator, Paper bag, Pipe cutter, and many other mechanical and electrical components.

Advertisement for FISK TIRES featuring an image of a tire and text describing its reliability and safety features. Includes the text 'THE FISK RUBBER CO., Chicopee Falls, Mass.'

Advertisement for RADIUM AND RADIO-ACTIVITY featuring text about scientific American supplements and a price of 10 cents by mail for each number mentioned. Includes the name MUNN & CO., 361 Broadway, NEW YORK.

Large advertisement for 'The Scientific American Boy' by A. RUSSELL BOND. Includes an image of the book cover and text describing it as a story of outdoor boy life, suggesting a large number of diversions which, aside from affording entertainment, will stimulate in boys the creative spirit. Price \$2.00 Postpaid.

